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ROBERT H FRANTZ
P O BOX 23324
OKLAHOMA CITY, OK 731232334

EXAMINER

YUAN, ALMARI ROMERO

ART UNIT	PAPER NUMBER
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2176

DATE MAILED: 12/17/2003

10

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/435,004

Applicant(s)

DUNSMOIR ET AL.

Examiner

Almari Yuan

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 August 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-44 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-44 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This action is responsive to communications: Amendment filed on 8/18/03.
2. The rejection of claims 22-25 under 35 U.S.C. 112, second paragraph, as being indefinite has been withdrawn as necessitated by amendment.
3. The rejection of claims 1-44 under 35 U.S.C. 103(a) as being unpatentable over Baxter in view of Kennelly has been withdrawn as necessitated by amendment.
4. Claims 1-44 are pending in the case. Claims 1, 18, and 33 are independent claims.

Drawings

5. The drawings filed on 11/05/99 are objected to as indicated in the attached PTO-948 form. Formal corrected drawings can be filed at allowance.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. **Claims 1-44 are rejected under 35 U.S.C. 103(a) as being unpatentable over Baxter et al. (USPN 6,356,903 B1 – filed on 12/1998) in view of Kennelly et al. (USPN 6,559,861 B1**

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– filed on 03/1999), and in further view of Marcos et al. (USPN 6,262,729 B1 – filed on 04/1997).

Regarding independent claims 1 and 18, Baxter discloses:

The method of producing dynamic web page content for transmission on a computer network (Baxter on col. 2, lines 1-24: teaches dynamically creating web pages), comprising the steps of: receiving at least one web page portion, said web page portion comprising static layout definitions and static content definitions; extracting said layout definitions from said web page; creating at least one layout template web page from said extracted layout definitions (Baxter on col. 4, lines 32-38 and col. 14, lines 24-26 and lines 34-37: teaches organizational components such as outlines (layout definitions) and the format of contents (content definitions) is stored in a format component such as a template (layout template); an outline and template will need to be created for each document (received document); on col. 6, lines 21-30: teaches each document is structured based on an outline (extracted layout); sections as elements are within each outline referencing content (layout definitions). Each outline will have a template (layout template) associated therewith to provide a format for content on the outline (layout)).

However, Baxter does not explicitly disclose “mapping alternate web content into said layout template web page, thereby creating at least one web page portion containing said alternate content”.

Kennelly on col. 2, line 62 – col. 3, line 14, lines 33-47, and lines 63-65, see figures 2 and 3: teaches producing web pages in several languages (creating web page containing alternate web content); wherein the system produces each displayed page 50a, 50b from a common management object that represents a common master page. Management object request

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processor combines data from data files with base management object which acts as a template (layout template web page) to provide management objects.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

However, Baxter and Kennelly do not explicitly disclose "providing one or more entries in a system dictionary, each entry representing a static layout tag type to be mapped to one or more dynamic structures" and "replacing content parameters associated with said extracted layout definitions for which matching entries are found in said system dictionary".

Marcos et al. (Marcos) on col. 3, lines 28-47 and col. 4, lines 1-17 teaches HTML template that defines the web page which contains layout definitions; on col. 10, lines 42-51 and col. 12, lines 52-61 teaches a dictionary class (system dictionary) containing a key (a name of the field) and a value for a key (value such as content is mapped for the key); in other words, binding (matching) variables to a definitional element (including a tag) in an HTML template (see col. 4, lines 1-17), wherein variables can be dictionary composite class variables (see col. 10, lines 42-51).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Marcos into Baxter and Kennelly to provide a dictionary class with variables, keys, and map a value for a key, as taught by Marcos, incorporated into the displaying of web pages, as taught by Baxter and Kennelly, in order to facilitate the binding of a

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element within an HTML template to data contained in a database to dynamically generate a web page.

Regarding dependent claims 2 and 19, Baxter discloses:

wherein said received web page portion contains Hyper Text Markup Language (Baxter on col. 4, lines 4-24: teaches web pages are created in HTML).

Regarding dependent claims 3 and 20, Baxter discloses:

wherein said template web page contains Hyper Text Markup Language (Baxter on col. 4, lines 4-38: teaches web pages are created in HTML using format components (template)).

Regarding dependent claims 4 and 21, Kennelly discloses:

wherein said alternate content web page contains Hyper Text Markup Language (Kennelly on col. 3, lines 33-47: teaches management objects produce GUIs in the form of HTML web pages).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

Regarding dependent claim 5, Kennelly discloses:

further comprising the step of retrieving said alternate web content from a computer-readable medium (Kennelly on col. 3, lines 21-31: teaches allowing system 10 to incorporate different data files into management objects to produce pages).

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It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

Regarding dependent claim 6, Kennelly discloses:

wherein said step of retrieving said alternate web content from a computer-readable medium includes retrieving said alternate content from a computer database (Kennelly on col. 2, lines 46-61: teaches computer database).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

Regarding dependent claim 7, Kennelly discloses:

wherein said step of retrieving said alternate web content from a computer-readable medium includes retrieving said alternate content from a computer file system (Kennelly on col. 3, lines 21-31: teaches data files system).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a

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template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

Regarding dependent claim 8, Kennelly discloses:

wherein said step of retrieving said alternate web content from a computer-readable medium includes retrieving said alternate web content from a computer network interface (Kennelly on col. 3, lines 21-31: teaches producing pages of the network interface).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

Regarding dependent claim 9, Kennelly discloses:

wherein said step of retrieving said alternate web content from a computer network interface includes retrieving said alternate content from a local area network interface (Kennelly on col. 2, lines 46-61: teaches interfacing with a local server in a networked computer system).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

Regarding dependent claim 10, Kennelly discloses:

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wherein said step of retrieving said alternate web content from a computer network interface includes retrieving said alternate content from an Internet (Kennelly on col. 2, lines 46-61: teaches network interface in a networked computer system).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

Regarding dependent claim 11, Kennelly discloses:

further comprising the step of receiving a first reference to said received web page portion and a second reference to said alternate web content via an Hyper Text Transfer Protocol Post command (Kennelly on col. 2, lines 46-61: teaches communication between browser and network servers).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

Regarding dependent claim 12, Baxter discloses:

further comprising providing a servlet (Baxter on col. 6, lines 1-2: teaches Java applets or CGI scripts is provided to handle services) for extracting said template web page from said received web page portion (Baxter on col. 6, lines 21-30: teaches each document is structured

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based on an outline (extracted layout); sections as elements are within each outline referencing content (layout definitions). Each outline will have a template (layout template) associated therewith to provide a format for content on the outline (layout)).

Regarding dependent claim 13, Kennelly discloses:

further comprising providing a servlet (Baxter on col. 6, lines 1-2: teaches Java applets or CGI scripts is provided to handle services) for mapping said alternate web content into said template web page (Kennelly on col. 2, line 62 – col. 3, line 14, lines 33-47, and lines 63-65, see figures 2 and 3: the system produces each displayed page 50a, 50b from a common management object that represents a common master page. Management object request processor combines data from data files with base management object which acts as a template (layout template web page) to provide management objects).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

Regarding dependent claims 14 and 28, Kennelly discloses:

further comprising the storing of said alternate web page in a computer-readable media (Kennelly on col. 6, lines 45-50: teaches memory for storing plurality of string values corresponding to respective languages to produce a web page based on the language selected by the user).

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It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

Regarding dependent claims 15, 31, and 43, Kennelly discloses:

further comprising transmitting said alternate web page over a computer network (Kennelly on col. 2, lines 46-61: teaches a networked computer system for communication and transmission of data such as web pages).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

Regarding dependent claim 16, Baxter discloses:

wherein said computer network includes a local area network (Baxter on col. 1, lines 11-22: teaches World Wide Web (WWW)).

Regarding dependent claims 17, 32, and 44, Baxter discloses:

wherein said computer network includes an Internet (Baxter on col. 1, lines 11-22 and col. 4, lines 10-24: teaches Internet).

Regarding dependent claim 22, Baxter discloses:

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retrieving said web document portion from a computer database (Baxter on col. 5, lines 37-43: teaches computer databases such as the repository).

Regarding dependent claim 23, Baxter discloses:

retrieving said web document portion from a computer network (Baxter on col. 4, lines 10-24: teaches retrieving web pages from the network).

Regarding dependent claim 24, Baxter discloses:

retrieving said static web page from an Internet (Baxter on col. 1, lines 11-22 and col. 4, lines 10-24: teaches retrieving web pages from the Internet).

Regarding dependent claim 25, Baxter discloses:

retrieving said web document portion from a computer file system (Baxter on col. 5, lines 37-43: teaches repository acts as a database, or group of databases, storing content along with organizational and format components).

Regarding dependent claims 26 and 27, Baxter discloses:

comprising at least one Java servlet (Baxter on col. 6, lines 1-2: teaches Java applets or CGI scripts is provided to handle services).

Regarding dependent claims 29 and 42, Kennelly discloses:

storing said created web page in a computer file system (Kennelly on col. 3, lines 21-31: teaches data files system for storing pages).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a

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template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

Regarding dependent claims 30 and 41, Kennelly discloses:

storing said created web page in a computer database (Kennelly on col. 2, lines 46-61: teaches computer database for storing web pages).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

Regarding independent claim 33, Baxter discloses:

A system for producing web pages containing dynamic content (Baxter on col. 2, lines 1-24: teaches dynamically creating web pages), comprising:

a means for receiving a first web page portion, said first web page having at least one static content definition and an associated layout definition; extracting said layout definition from said first web page (Baxter on col. 4, lines 32-38 and col. 14, lines 24-26 and lines 34-37: teaches organizational components such as outlines (layout definitions) and the format of contents (content definitions) is stored in a format component such as a template; an outline and template will need to be created for each document (received first web page portion); on col. 6, lines 21-30: teaches each document is structured based on an outline (extracted layout); sections as elements are within each outline referencing content (layout definitions). Each outline will

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have a template (layout template) associated therewith to provide a format for content on the outline (layout)).

However, Baxter does not explicitly disclose “receiving alternate web content to be mapped into a web page”; “mapping said received alternate web content”; and “creating a second web page”.

Kennelly on col. 2, line 62 – col. 3, line 14, lines 33-47, and lines 63-65, see figures 2 and 3: teaches producing web pages in several languages (creating web page containing alternate web content or creating second web page); wherein the system produces each displayed page 50a, 50b from a common management object that represents a common master page.

Management object request processor combines data from data files with base management object which acts as a template (layout template web page) to provide management objects.

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Kennelly into Baxter to provide a way to produce web pages in several languages using a management object request processor which acts as a template, as taught by Kennelly, incorporated into the template, as taught by Baxter, in order to enhance the generation and display of web pages in multiple languages (alternate pages).

However, Baxter and Kennelly do not explicitly disclose “providing one or more entries in a system dictionary, each entry representing a static layout tag type to be mapped to one or more dynamic structures” and “replacing content parameters associated with said extracted layout definitions for which matching entries are found in said system dictionary”.

Marcos on col. 3, lines 28-47 and col. 4, lines 1-17 teaches HTML template that defines the web page which contains layout definitions; on col. 10, lines 42-51 and col. 12, lines 52-61

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teaches a dictionary class (system dictionary) containing a key (a name of the field) and a value for a key (value such as content is mapped for the key); in other words, binding (matching) variables to a definitional element (including a tag) in an HTML template (see col. 4, lines 1-17), wherein variables can be dictionary composite class variables (see col. 10, lines 42-51).

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to have modified Marcos into Baxter and Kennelly to provide a dictionary class with variables, keys, and map a value for a key, as taught by Marcos, incorporated into the displaying of web pages, as taught by Baxter and Kennelly, in order to facilitate the binding of a element within an HTML template to data contained in a database to dynamically generate a web page.

Regarding dependent claim 34, Baxter discloses:

wherein said means for receiving a first web page portion includes a means for receiving a Hyper Text Markup Language web page (Baxter on col. 4, lines 4-24: teaches web pages are created in HTML).

Regarding dependent claim 35, Baxter discloses:

wherein means for receiving a Hyper Text Markup Language web page includes a means for receiving web content from a computer database (Baxter on col. 5, lines 37-43: teaches computer databases such as the repository).

Regarding dependent claim 36, Baxter discloses:

wherein means for receiving a Hyper Text Markup Language web page portion includes a means for receiving HTML web pages from a computer file system (Baxter on col. 5, lines 37-

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43: teaches repository acts as a database, or group of databases, storing content along with organizational and format components).

Regarding dependent claim 37, Baxter discloses:

wherein means for receiving a Hyper Text Markup Language web page includes a means for receiving web content from a computer network (Baxter on col. 4, lines 10-24: teaches receiving web pages from the network).

Regarding dependent claim 38, Baxter discloses:

wherein means for receiving web content from a computer network includes a means for receiving web pages from an Internet (Baxter on col. 1, lines 11-22 and col. 4, lines 10-24: teaches receiving web pages from the Internet).

Regarding dependent claim 39, Baxter discloses:

wherein said means for extracting said layout definition from said first web page comprises a servlet program (Baxter on col. 6, lines 1-2: teaches Java applets or CGI scripts is provided to handle services).

Regarding dependent claim 40, Kennelly discloses:

wherein said means for mapping said alternate web content into said layout definition and creating a second web page comprises a servlet program (Baxter on col. 6, lines 1-2: teaches Java applets or CGI scripts is provided to handle services).

Response to Arguments

8. Applicant's arguments with respect to claims 1-44 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Class java.util.Dictionary, 02/1998, <<http://kahuna.sdsu.edu/jdk/api/java.util.Dictionary.html>> , pages 1-4.

10. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Almari Yuan whose telephone number is (703) 305-5945. The examiner can normally be reached on Mondays - Fridays (8:30am - 5:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Feild can be reached on (703) 305-9792. The fax phone number for the organization where this application or proceeding is assigned is (703) 746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

AY
December 14, 2003


JOSEPH H. FEILD
PRIMARY EXAMINER